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I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

| APPLICATION NUMBER | FILING DATE |
|--------------------|-----------------|
| 60/224,939 | August 11, 2000 |
| 60/283,498 | April 12, 2001 |

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information known by me to be material to the patentability of the claims of this application as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

| APPLICATION SERIAL NO. | FILING DATE | STATUS (MARK APPROPRIATE COLUMN BELOW) | | |
|---------------------------|-------------|---|---------|-----------|
| | | PATENTED | PENDING | ABANDONED |
| | | | | |
| | | | | |

I hereby appoint the following attorneys and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:



23859

PATENT TRADEMARK OFFICE

Address all telephone calls to Robert A. Hodges at telephone no. (404) 688-0770.

Address all correspondence to:

Robert A. Hodges, Ph.D.
NEEDLE & ROSENBERG, P.C.
Suite 1200, The Candler Building
127 Peachtree Street, N.E.
Atlanta, Georgia 30303-1811

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Brian T. Chait


Inventor's signature:  Date: 13 Dec 2001

Residence: 500 East 63rd Street, Apt. 20D, New York, New York 10021

Post Office Address:

Citizenship: South Africa

Full name of second inventor: Darin R. Latimer

Inventor's signature:  Date: Nov 20, 2001

Residence: 15 Cutters Lookout, East Haven, Connecticut 06513

Post Office Address:

Citizenship: Canadian

Full name of third inventor: Paul M. Lizardi

Inventor's signature:  Date: 10/10/01

Residence: 7 Stoney Brook Road, Wallingford, Connecticut 06492

Post Office Address:

Citizenship: USA

Full name of fourth inventor: Eric R. Kershner

Inventor's signature: Eric Kershner Date: 10/11/01

Residence: 527 Chapel Street, Apt. D2, New Haven, Connecticut 06511

Post Office Address:

Citizenship: USA

Full name of fifth inventor: Jon S. Morrow

Inventor's signature: Jon S. Morrow Date: 12/21/01

Residence: 85 Soundview Avenue, Madison, Connecticut 06443

Post Office Address:

Citizenship: USA

Full name of sixth inventor: Matthew E. Roth

Inventor's signature: Matthew E. Roth Date: 11/25/01

Residence: 20 Medley Lane, Branford, Connecticut 06405

Post Office Address:

Citizenship: USA

Full name of seventh inventor: Martin J. Mattessich

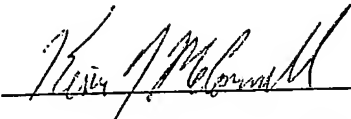
Inventor's signature: Martin J. Mattessich Date: 10/26/01

Residence: 37 Seymour Road, Woodbridge, Connecticut 06525

Post Office Address:

Citizenship: USA

Full name of eighth inventor: Kevin J. McConnell

Inventor's signature: 

Date: 11/26/01

Residence: 108 Harbor Street, Branford, Connecticut 06405

Post Office Address:

Citizenship: USA



UNITED STATES
PATENT AND
TRADEMARK OFFICE

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APR 09 2002

APRIL 04, 2002

NEEDLE & ROSENBERG

PTAS

NEEDLE & ROSENBERG, P.C.
ROBERT A. HODGES, PH.D.
SUITE 1200, THE CANDLER BUILDING
127 PEACHTREE STREET, N.E.
ALANTA, GEORGIA 30303-1811

Chief Information Officer
Washington, DC 20231
www.uspto.gov



101968285A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/18/2002

REEL/FRAME: 012549/0200
NUMBER OF PAGES: 11

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CHAIT, BRIAN T.

DOC DATE: 12/18/2001

ASSIGNOR:

LATIMER, DARIN R.

DOC DATE: 11/20/2001

ASSIGNOR:

LIZARDI, PAUL M.

DOC DATE: 10/10/2001

ASSIGNOR:

KERSHNAR, ERIC R.

DOC DATE: 10/11/2001

ASSIGNOR:

MORROW, JON S.

DOC DATE: 12/21/2001

ASSIGNOR:

ROTH, MATTHEW E.

DOC DATE: 11/21/2001

ASSIGNOR:

MATTESSICH, MARTIN J.

DOC DATE: 10/26/2001

Stamp: *DISPATCHED*
By: *RAH/Kbb*
Date: *04/10/02*
Reviewed: *RAH*
Name/Date: *RAH/04/10/02*

012549/0200 PAGE 2

ASSIGNOR:

MCCONNELL, KEVIN J.

DOC DATE: 11/26/2001

ASSIGNEE:

AGILIX CORPORATION

2 CHURCH STREET SOUTH

SUITE 401

NEW HAVEN, CONNECTICUT 06519

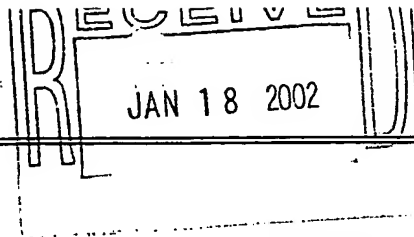
SERIAL NUMBER: .09929266

FILING DATE: 08/13/2001

PATENT NUMBER:

ISSUE DATE:

LAZENA MARTIN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



FORM PTO-1595
(Revised 6-93)

02-01-2002

WMERCE
Office

RECORDATION FORM COVER SHEET
PATENTS ONLY



101968285

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS:

Please record the attached original documents or copy thereof.

ATTORNEY DOCKET NO.: 01173.0003U2

1. Name of conveying party(ies): Brian T. Chait,
Darin R. Latimer, Paul M. Lizardi, Eric R.
Kershner, Jon S. Morrow, Matthew E. Roth, Martin
J. Mattessich, and Kevin J. McConnell

Additional names of conveying party(ies)
attached?

☐ YES

☒ NO

1-18-02

2. Name and address of receiving party(ies):

Name: Agilix Corporation

Internal Address: Suite 401

Street Address: 2 Church Street South

City: New Haven

State: Connecticut

Zip: 06519

Additional name(s) and address(es) attached?

☐ YES

☒ NO

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Other

☐ Security Agreement

☐ Change of Name

Execution Date: December 18, 2001, November 20, 2001, October 10, 2001, October 11, 2001, December 21, 2001,
November 21, 2001, October 26, 2001, and November 26, 2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: (Filed
August 13, 2001)

A. Patent Application No.(s): 09/929,266

B. Patent No.(s):

Additional numbers attached? ☐ YES ☒ NO

5. Name and address of party to whom correspondence
concerning document should be mailed:

Robert A. Hodges, Ph.D.
NEEDLE & ROSENBERG, P.C.
Suite 1200, The Candler Building
127 Peachtree Street, N.E.
Atlanta, Georgia 30303-1811
(404) 688-0770

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):

\$40.00

☒ Enclosed

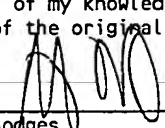
☐ Authorized to be charged to Deposit Account.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 14-0629.

8. Deposit account number: 14-0629

=====
(Attach duplicate copy of this form if paying by deposit account)

9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

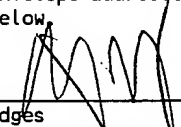

Robert A. Hodges
Reg. No. 41,074

Date

1/2/2002

Total Number of Pages Including Cover Sheet, Attachments, and Document: 11

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: BOX ASSIGNMENT, Commissioner of Patents and Trademarks, Washington, D.C. 20231, on the date shown below.


Robert A. Hodges

Date

1/2/2002

ASSIGNMENT

WHEREAS, we, Brian T. Chait, Darin R. Latimer, Paul M. Lizardi, Eric R. Kershnar, Jon S. Morrow, Matthew E. Roth, Martin J. Mattessich, and Kevin J. McConnell, residing respectfully at 500 East 63rd Street, Apt. 20D, New York, New York 10021, 15 Cutters Lookout, East Haven, Connecticut 06513, 7 Stoney Brook Road, Wallingford, Connecticut 06492, 527 Chapel Street, Apt. D2, New Haven, Connecticut 06511, 85 Soundview Avenue, Madison, Connecticut 06443, 20 Medley Lane, Branford, Connecticut 06405, 37 Seymour Road, Woodbridge, Connecticut 06525, and 108 Harbor Street, Branford, Connecticut 06405, U.S.A., have invented new and useful improvements in "ULTRA-SENSITIVE DETECTION SYSTEMS" for which an application for United States Letters Patent was filed on August 13, 2001, Serial No. 09/929,266; and

WHEREAS, Agilix Corporation whose post-office address is 2 Church Street South, Suite 401, New Haven Connecticut 06519, U.S.A., a Delaware corporation, is desirous of acquiring the entire interest in the same;

NOW, THEREFORE, for good and valuable consideration, we, Brian T. Chait, Darin R. Latimer, Paul M. Lizardi, Eric R. Kershnar, Jon S. Morrow, Matthew E. Roth, Martin J. Mattessich, and Kevin J. McConnell, hereby do sell, assign and transfer unto said Agilix Corporation the entire right, title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application under 35 U.S.C. § 119(e), reissue, reexamination, division, continuation-in-part, extension or continuation thereof and all rights of priority under the International

Convention arising from said application; the same for its legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment and sale not been made;

AND, we hereby bind ourselves, our heirs, legal representatives, administrators and assigns properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid Agilix Corporation, its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world.

We also authorize counsel for Agilix Corporation to enter above the filing date and serial number of the application when they become available.

IN WITNESS WHEREOF, I have executed this Assignment this 18 day of December,

2001.

B. Chait (L.S.)
Brian T. Chait

State of New York
County of New York

On this 18 day of December, 2001, before me, a Notary Public, came Brian T. Chait, to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

Mary Jane Zimmermann
Notary Public

My Commission Expires: _____

MARY JANE ZIMMERMANN
Notary Public, State of New York
No. 60-4796098
Qualified in Westchester County
Certificate Filed in New York County
Term Expires February 28, 2002

IN WITNESS WHEREOF, I have executed this Assignment this 20 day of Nov,
2001.

Darin R. Latimer (L.S.)
Darin R. Latimer

State of Connecticut

County of New Haven

On this 20th day of November, 2001, before me, a Notary Public, came
Darin R. Latimer, to me known and known to be the individual described in and who executed the
foregoing assignment, and he duly acknowledged the same to be his free act and deed.

Mari K. Res
Notary Public
My Commission Expires
4/30/2005

My Commission Expires: _____

IN WITNESS WHEREOF, I have executed this Assignment this 10th day of October, 2001.

Paul M. Lizardi (L.S.)
Paul M. Lizardi

State of Connecticut
County of New Haven

On this 10th day of October, 2001, before me, a Notary Public, came Paul M. Lizardi, to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

M. J. K. Ross
Notary Public
My Commission Expires
4/30/2002
My Commission Expires: _____

IN WITNESS WHEREOF, I have executed this Assignment this 11th day of Oct.,
2001.

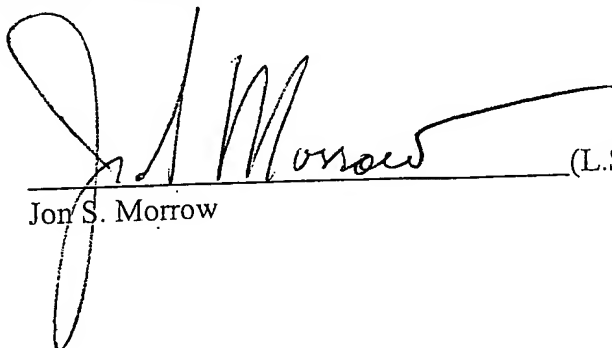
Eric Kershner (L.S.)
Eric R. Kershner

State of Connecticut
County of New Haven

On this 11th day of October, 2001, before me, a Notary Public, came Eric
R. Kershner, to me known and known to be the individual described in and who executed the foregoing
assignment, and he duly acknowledged the same to be his free act and deed.

Mari K. Ross
Notary Public My Commission Expires
 4/30/2006
My Commission Expires: _____

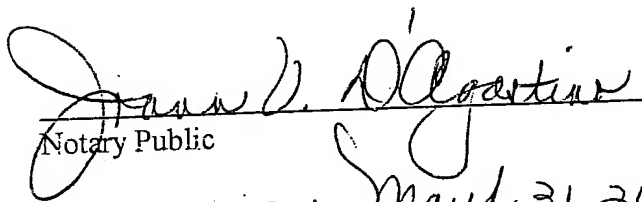
IN WITNESS WHEREOF, I have executed this Assignment this 21st day of December, 2001.



Jon S. Morrow (L.S.)

State of Connecticut
County of New Haven

On this 21st day of December, 2001, before me, a Notary Public, came Jon S. Morrow, to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.



Notary Public
My Commission Expires: March 31, 2003

IN WITNESS WHEREOF, I have executed this Assignment this 21 day of November, 2001.

Matthew E. Roth (L.S.)
Matthew E. Roth

State of Connecticut
County of New Haven

On this 21 day of November, 2001, before me, a Notary Public, came Matthew E. Roth, to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

Meri K. Ross
Notary Public

My Commission Expires: My Commission Expires
4/30/2006

IN WITNESS WHEREOF, I have executed this Assignment this 26th day of November, 2001.

Kevin J. McConnell (L.S.)
Kevin J. McConnell

State of Connecticut

County of New Haven


On this 26 day of November, 2001, before me, a Notary Public, came Kevin J. McConnell, to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

Mari K. Ross
Notary Public

My Commission Expires
4/30/2006

My Commission Expires: _____

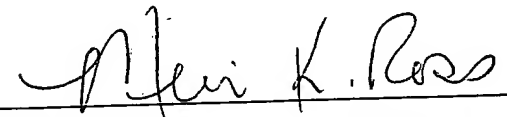
IN WITNESS WHEREOF, I have executed this Assignment this 26th day of Oct,
2001.


_____(L.S.)
Martin J. Mattessich

State of Connecticut

County of New Haven

On this 26th day of October, 2001, before me, a Notary Public, came
Martin E. Mattessich, to me known and known to be the individual described in and who executed the
foregoing assignment, and he duly acknowledged the same to be his free act and deed.



Notary Public
My Commission Expires
4/30/2006
My Commission Expires: _____